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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,635	10/17/2001	David Thompson	BRDC:039	7014

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EXAMINER
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BILGRAMI, ASGHAR H

ART UNIT	PAPER NUMBER
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2143

MAIL DATE	DELIVERY MODE
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07/10/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/981,635	<b>Applicant(s)</b> THOMPSON ET AL.	
	<b>Examiner</b> Asghar Bilgrami	<b>Art Unit</b> 2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on 23 April 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 7,8 and 11-24 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7,8 and 11-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 7, 8, 11-24 rejected under 35 U.S.C. 102(e) as being anticipated by Kloba et al (U.S. 6,144,997).

3. As per claims 7, 11, 14, 18 & 23 Kloba disclosed a communications network for communicating at least one type of a data, wherein the first type of data is represented by a first token and the second type of data is represented by a second token, comprising: a server device; a tokenization server communicably accessible to the server device; a first data of the first type of data at the server device; a second data of the second type of data at the server device; a dictionary communicably accessible to the tokenization server (col.5, lines 13-26); wherein the first token and the second token, via the dictionary, are indicative of the first data and the second data,

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respectively, available to the tokenization server via lookup in the dictionary (col.5, lines 27-35); and a communications device communicably connected to the server device; wherein the token server communicates to the server device the first token indicative of the first data; wherein the token server communicates to the server device the second token indicative of the second data; and wherein the server device respectively communicates the first token and the second token, but not the first data and not the second data, to the communications device (col.14, lines 58-67 & col.15, lines 1-27).

4. As per claim 8 Kloba disclosed the method of claim 7, further comprising the steps of: receiving, first, the first token identifier by the client device over the network receiving, second, the second token identifier by the client device over the network; and converting the first token identifier by the client device to obtain the entirety of the second first sequence of data at the client device; and converting the second token identifier by the client device to obtain the entirety of the second sequence of data at the client device (col.14, lines 58-67 & col.15, lines 1-27).

5. As per claim 12 Kloba disclosed the server computer of claim 11, further comprising: a relational database of the defined identifiers (col.8, lines 58-65).

6. As per claim 13 Kloba disclosed the server computer of claim 12, wherein the information is an HTML page including at least the first data sequence and the second data sequence, and the respective distinct defined identifiers of the relational database

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correspond, respectively, to the first data sequence indicative of recurring in the HTML code and to the second data sequence recurring in the HTML code (col.8, lines 58-67, col.9, lines 1-23).

7. As per claims 15 & 20 Kloba disclosed the communications network of claim 14, further comprising a token converter communicatively connected to the communications device, for interpreting the first token, once received by the communications device, as the first data (col.14, lines 58-67 & col.15, lines 1-27).

8. As per claim 16 Kloba disclosed the communications network of claim 15, wherein the token converter is a software of the communications device (col.14, lines 58-67 & col.15, lines 1-27).

9. As per claim 17 Kloba disclosed the communications network of claim 14, wherein the object mark-up language including the first data and the second data (col.14, lines 58-67 & col.15, lines 1-27).

10. As per claim 19 Kloba disclosed the method of claim 18, further comprising the step of: communicating the first token, but not the first data, and the second token, but not the second data, over a network to a communications device discerning, by the communications device, the first data from the first token and the second data from the second token, respectively (col.14, lines 58-67 & col.15, lines 1-27).

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11. As per claim 21 Kloba disclosed the method of claim 20, wherein the steps of interpreting are performed via a database of the communications device (col.8, lines 58-65).

12. As per claim 22 Kloba disclosed the method of claim 19, wherein the first data and the second data are included in the file, and the first data is a mark-up language and the second data is other than mark-up language (col.15, lines 28-47) .

13. As per claim 24 Kloba disclosed the method of claim 23, further comprising the steps of: receiving the plurality of tokens at the client device; and interpreting respective ones of the plurality of tokens token at the client device, such that each respective one is recognized as the unique respective distinct data of the applicable distinct data type (col.14, lines 58-67 & col.15, lines 1-47).

### ***Response to Arguments***

Applicant's arguments with respect to amended claims 7, 8, 11-24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3924. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
AB

  
**DAVID WILEY**  
**SUPERVISORY PATENT EXAMINER**  
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